

Recombinant Rat Lifr protein, His-tagged

Cat. No. Lifr-2823R **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Rat Lifr aa. (Lys152~Glu291 (Accession # O70535)) fused with N-terminal His tag was produced in E. coli cells. |
| Species | Rat |
| Source | E.coli |
| ProteinLength | Lys152~Glu291 |
| Form | Freeze-dried powder |
| Molecular Mass | 18kDa as determined by SDS-PAGE reducing conditions. |
| Endotoxin | <1.0EU per 1g (determined by the LAL method) |
| Purity | >95% |
| Characteristic | The isoelectric point is 8.5. |
| Applications | SDS-PAGE; WB; ELISA; IP. |
| Stability | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

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|-----------------------|--|
| Storage | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| Storage buffer | Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4. |
| Reconstitution | Reconstitute in sterile PBS, pH7.2-pH7.4. |

GENE INFORMATION

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|------------------------|---|
| Gene Name | Lifr LIF receptor alpha [<i>Rattus norvegicus</i> (Norway rat)] |
| Official Symbol | Lifr |
| Synonyms | LIF receptor; LIF-R; leukemia inhibitor factor receptor alpha-chain; leukemia inhibitory factor receptor alpha; leukemia inhibitory factor receptor |
| Gene ID | 81680 |
| mRNA Refseq | NM_031048.1 |
| Protein Refseq | NP_112310.1 |
| UniProt ID | O70535 |

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